

L3 ANSWER 235 OF 693 CA COPYRIGHT 2005 ACS on STN  
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 TI Cementitious compositions for underwater constructions  
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 PA Ssangyong Cement Industrial Co., Ltd., S. Korea  
 SO Repub. Korea, No pp. given  
 CODEN: KRXXPC  
 DT Patent  
 LA Korean  
 IC ICM C04B024-18  
 ICS C04B016-02  
 CC 58-3 (Cement, Concrete, and Related Building Materials)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 9508587	B1	19950803	KR 1992-21274	19921113
	KR 9510000	B1	19950904	KR 1995-15485	19950613
PRAI	KR 1992-21274	A3	19921113		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR 9508587	ICM	C04B024-18
	ICS	C04B016-02

AB The cement compns. for underwater constructions are composed of  
cement 100, active slag fine particles 25-67, nonionic  
cellulose ether thickener 0.5-2.5, melamine sulfonic acid or  
 triazine plasticizer 0.6-5.0, and antifoaming agent 0.04-0.5 weight  
 parts. The active slag fine powder has a sp. surface area of 4000-5000  
 cm<sup>2</sup>/g. The thickener is selected from hydroxy Pr Me cellulose,  
 hydroxy Et cellulose, hydroxy Et Me cellulose, hydroxy  
 Et Et cellulose, or Me cellulose, and has 8000-50000  
 cP viscosity in the 2% aqueous solution at 2000.

ST mortar cement underwater concrete construction

IT Antifoaming agents

Cement (construction material)

Mortar

(cementitious compns. f